

40 PIN SMD ETHERNET 10/100 BASE-TX QUAD PORT TRANSFORMER

P/N: 40ST1041Q DATA SHEET

Feature



- 40-PIN SMD Package compatible with broadcom , NS TMI Davicom chips.
- Designed for multiport repeater and switched Ethernet applications utilizing single RJ-45 connectors.
- Operating temperature range : 0°C to +70°C.
- Storage temperature range: -25°C to +125°C.

Electrical Specifications @ 25°C							
Part Number	Turns Ratio (±5%)		OCL(μH Min) @100KHz/0.1Vrms 8mA DC/Bias	Cross talk (dB Min) 0.3-100MHz	Rise Time (ns TYP)	HI-POT (Vrms)	
	TX	RX					
40ST1041Q	1CT:1CT	1:1	350	-38	2.5	1500	

Part Number	Insertion Loss (dB Max) 0.3-100MHz	Return Loss (dB Min)			CMR (dB Min) 0.3-60MHz	DCMR (dB Min)	
		0.3-30MHz	30-60MHz	60-80MHz		1-60 MHz	60-200 MHz
40ST1041Q	-1.15	-16	-12	-10	-30	-37	-25

Schematic

Mechanical

